

## IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (currently amended) A nonaqueous-electrolyte secondary battery comprising:  
a laminating structure, in which at least a positive electrode and a negative electrode are laminated;

a film-like or sheet-like package member covering the laminating structure;

a lead electrode, which joints to the laminating structure and protrudes from an end of the package member toward the outside, the package member having a top portion positioned at a top side of the lead electrode and a bottom portion positioned at a bottom side of the lead electrode; and

a top sealing member, which is located in a first gap between an end of the top portion of the package member and the lead electrode, and seals the first gap by fusing to the top portion of the package member and to the lead electrode; ~~a top portion thermoplasticity material~~, and

a bottom sealing member, which is located in a second gap between an end of the bottom portion of the package member and the lead electrode, and seals the second gap by fusing to the bottom portion of the package member and the lead electrode, the top sealing member fusing around a top portion of the lead electrode and the bottom sealing member fusing around a bottom portion of the lead electrode and to the top sealing member such that there is no gap around the lead electrode and no gap between the top sealing member and the bottom sealing member ~~a bottom portion thermoplasticity material~~,

the top sealing member and the bottom sealing member each being a stripe-shaped sealing member extending to the width of the end of the package member.

2. (previously presented) A nonaqueous-electrolyte secondary battery according to claim 1, wherein the package member comprises a metal laminate pack material comprising package resin, a metal film, and a sealant layer.

3. (currently amended) A nonaqueous-electrolyte secondary battery according to claim 1, wherein the positive electrode comprises lithium mix oxide that includes ~~including~~  $\text{LiMO}_2$  (the transition metal M is a material selected from a group consisting of Co, Ni, and Mn); and

the negative electrode comprises a material selected from the group consisting of ~~one of~~ a non-graphitizing carbon material and a graphite material.

4. (original) A nonaqueous-electrolyte secondary battery according to claim 1, wherein a solid electrolyte or gel-type electrolyte is employed.

5. (original) A nonaqueous-electrolyte secondary battery according to claim 4, wherein the electrolyte is gel-type electrolyte.

6. (previously presented) A nonaqueous-electrolyte secondary battery according to claim 5, wherein the gel-type electrolyte comprises a fluorine macromolecule including an electrolyte salt and a solvent.

7-23. (canceled).